

Large blow moldings made from polyethylene

5 Abstract

Large blow moldings are made from polyethylene of density $\rho \geq 0.94 \text{ g/cm}^3$ and of melt flow rate MFR $190/21.6 < 50 \text{ g/10 min}$, and of notched tensile impact strength $a_{zK} (-30^\circ\text{C})$ not less than 300 kJ/m^2 and bursting strength, determined by a drop height test at -18°C , of more than 3 m. Processes for producing large blow moldings of this type involve annealing large blow moldings after production. The moldings are used for storage and transport of hazardous materials.

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